

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

|                        |                    |
|------------------------|--------------------|
| Application Number     | 09/743,818         |
| Filing Date            | April 26, 2001     |
| First Named Inventor   | Anthony S. Weiss   |
| Art Unit               | 1658 1656          |
| Examiner Name          | Holly G. Schnitzer |
| Attorney Docket Number | GHC11USA           |

|       |   |    |   |
|-------|---|----|---|
| Sheet | 1 | of | 3 |
|-------|---|----|---|

## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**Examiner  
Signature**

|            |  |
|------------|--|
| Date       |  |
| Considered |  |

5-14-06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |      |                          |                   |
|---|------|--------------------------|-------------------|
| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |      | <b>Complete if Known</b> |                   |
|   |      | Application Number       | 09/743,818        |
|   |      | Filing Date              | April 26, 2001    |
|   |      | First Named Inventor     | Anthony S. Weiss  |
|   |      | Art Unit                 | 1653 1656         |
|   |      | Examiner Name            | Holly G. Schnizer |
| Sheet 2   | of 3 | Attorney Docket Number   | GHC11USA          |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| HS                              | EEL                   | MARIGO ET AL, Mapping of Binding Sites for Monoclonal Antibodies to Chick Tropoelastin by Recombinant DNA Techniques, Connective Tissue Research, Vol. 28, pp. 13-28 (1992)   |                |
| HS                              | EEM                   | UITTO ET AL, Molecular Biology and Pathology of Human Elastin, Biochemical Society Transactions, 19(4):824-9, (November 1991)   |                |
| HS                              | EEN                   | GROSSO ET AL, Fibroblast Adhesion to Recombinant Tropoelastin Expressed as a Protein A-Fusion Protein, Biochem. J. 273, pp. 517-522, (1991)   |                |
| HS                              | EEO                   | FOSTER ET AL, Elastin Gene Expression, International Review of Connective Tissue Research, 10:65-95, (1983)   |                |
| HS                              | EEP                   | European Communication Pursuant to Article 96(2) EPC dated November 18, 2005, pp. 3   |                |
| HS                              | EEQ                   | Canadian Examination Report dated September 30, 2005, pp. 5   |                |
| HS                              | EER                   | WU ET AL, Glycosaminoglycans Mediate the Coacervation of Human Tropoelastin Through Dominant Charge Interactions Involving Lysine Side Chains,  |                |
|                                 |                       | Vol. 274, No. 81, pp. 21719-21724, (July 30, 1999)  |                |
| HS                              | EES                   | KENYON ET AL, A Novel Human cDNA with a Predicted Protein Similar to Lysyl Oxidase Maps to Chromosome 15q24-q25, The Journal of Biological Chemistry,   |                |
|                                 |                       | Vol. 268, No. 26, pp. 18435-18437, (September 5, 1993)  |                |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 5-14-06 |
|--------------------|---|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

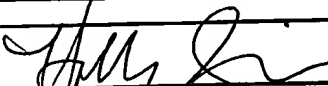
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |      |                          |                   |
|---|------|--------------------------|-------------------|
| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |      | <b>Complete if Known</b> |                   |
|   |      | Application Number       | 09/743,818        |
|   |      | Filing Date              | April 26, 2001    |
|   |      | First Named Inventor     | Weiss et al       |
|   |      | Art Unit                 | 1653 1656         |
|   |      | Examiner Name            | Holly G. Schnizer |
| Sheet 3   | of 3 | Attorney Docket Number   | GHC11USA          |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| JS                              | EET                   | KIM ET AL, A New Gene with Sequence and Structural Similarity to the Gene Encoding Human Lysyl Oxidase, The Journal of Biological Chemistry, Vol. 270, No. 13, pp. 7176-7182, (March 31, 1995)  |                |
| JS                              | EEU                   | HERNAN ET AL, Human Hemoglobin Expression on Escherichia Coli: Imporatnce of Optimal Codon Usage, Biochemistry, 31, pp. 8619-8628, (September 15, 1992)   |                |
| JS                              | EEV                   | SHARP ET AL, The Codon Adaptation Index-A Measure of Directional Synonymous Codon Usage Bias, and its Potential Applications, Vol. 15, No. 3, (Nov. 2, 1987)  |                |
| JS                              | EEW                   | HAMALAINEN ET AL, Structure of teh Human Lysyl Oxidase Gene, Genomics 17, pp. 544-548 (September 1993)  |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |
|                                 |                       |   |                |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 5-14-06 |
|--------------------|---|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.